

## ABSTRACT

The present invention provides a RAM-incorporated driver that enables the writing of moving-image data to a RAM simultaneously with the writing of still-image data to the RAM. The RAM-incorporated X-driver IC can include first and second bus lines for transferring still-image data and moving-image data from an MPU, a RAM for storing the still-image data and moving-image data, first column and page address control circuits for specifying column and page addresses in RAM for writing still-image data, second column and page address control circuits for specifying column and page addresses in RAM for writing moving-image data, an MPU-related control circuit for controlling each of the address control circuits, based on commands from the MPU, a display address control circuit for controlling the reading of still-image data and moving-image data stored in the RAM, as display data, and a driver-related control circuit for controlling the display address control circuit.